



Appln. No. 10/092,894
Amdt. dated August 7, 2003
Reply to Office Action of May 9, 2003

61B
Aw
8/13/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Of:)
KEVIN FRETWELL)
Application No.: 10/092,894)
Filed: 3/7/2002)
Group Art Unit: 3753)
Examiner: Gerald A. Michalsky)
VALVE SYSTEM)

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AUG 12 2003

TECHNOLOGY CENTER R3700

AMENDMENT

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

In response to the Office Action mailed May 9, 2003, please amend the above identified application as follows.

Amendments to the Drawings begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper. Claim 7 is currently amended.

Remarks begin on page 5 of this paper.

OFFICE
AUG 11 2003
PATENT & TRADEMARK

3753

Please type a plus sign (+) inside this box [+]

Patent and Trademark Office: U.S. Department of Commerce

0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	10/092,894	
		Filing Date	03/07/2002	
		First Named Inventor	Kevin Fretwell	
		Group Art Unit	3753	
		Examiner Name	Gerald A. Michalsky	
Total Number of pages in this Submission		10	Attorney Docket Number	124-00110

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication To Group
<input checked="" type="checkbox"/> Amendment <input type="checkbox"/> After final	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board Of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition Checklist and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Information Disclosure Statement/PTO-1449	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (Please identify below)
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 1.52 or 1.53	<input type="checkbox"/> Terminal Disclaimer	<div>Return receipt postcard</div>
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<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Peter T. Holsen, Reg. No. P54,180 ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202
Signature	<i>Peter T. Holsen</i>
Date	August 7, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on this date:			
<div>August 7, 2003</div>			
Typed or printed name	Barbara A. Johnson		
Signature	<i>Barbara A. Johnson</i>	Date	8/7/2003



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Approved for use through 9/30/98
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/17 (10/97)		COMPLETE IF KNOWN		
FEE TRANSMITTAL		Application Number	10/092,894	
		Filing Date	03/07/2002	
		First Named Inventor	Kevin Fretwell	
		Group Art Unit	3753	
		Examiner Name	Gerald A. Michalsky	
Total Amount of Payment (\$)		0	Attorney Docket Number	124-00110
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)		
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 01.2000 Deposit Account Name Andrus, Scales, Starke & Sawall, LLP <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)		2. Additional Fees Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid		
3. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge-late filing fee or oath		
FEE CALCULATION (fees effective 10/01/97)		127 50 227 25 Surcharge-late provisional filing fee		
1. Filing Fee Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Description Fee Paid		or cover sheet		
101 690 201 345 Utility filing fee		139 130 139 130 Non-English specification		
106 310 206 155 Design filing fee		147 2,520 147 2,520 For filing a request for reexamination		
107 480 207 240 Plant filing fee		112 920* 112 920* Requesting publication of SIR prior to		
108 690 208 345 Reissue filing fee		Examiner action		
114 150 214 75 Provisional filing fee		113 1,840* 113 1,840* Requesting publication of SIR after		
SUBTOTAL (1) (\$)		Examiner action		
0		115 110 215 55 Extension for response within first		
2. Claims Extra Fee from Fee Paid below		month		
Total claims -20= X =		116 400 216 200 Extension for response within second		
Independent - 3= X =		month		
Claims		117 950 217 475 Extension for response within third		
Multiple Dependent X =		month		
Claims		118 1,510 218 755 Extension for response within fourth		
Large Entity Small Entity Fee		month		
Fee Fee Fee Fee Description		128 2,060 228 1,030 Extension for response within fifth		
Code (\$) Code (\$) Description Fee Paid		month		
103 18 203 9 Claims in excess of 20		119 310 219 155 Notice of appeal		
102 78 202 39 Independent claims in		120 310 220 155 Filing a brief in support of an appeal		
excess of 3		121 270 221 135 Request for oral hearing		
104 270 204 135 Multiple dependent claim		138 1,510 138 1,510 Petition to institute a public use		
109 82 209 41 Reissue independent		proceeding		
claims over original		140 110 240 55 Petition to revive unavoidably		
patent		abandoned application		
110 22 210 11 Reissue claims in excess of		141 1,320 241 660 Petition to revive unintentionally		
20 and over original patent		abandoned application		
SUBTOTAL (2) (\$)		142 1,320 242 660 Utility issue fee (or reissue)		
0		143 450 243 225 Design issue fee		
3. Claims Extra Fee from Fee Paid below		144 670 244 335 Plant issue fee		
Total claims -20= X =		122 130 122 130 Petitions to the Commissioner		
Independent - 3= X =		123 50 123 50 Petitions related to provisional		
Claims		applications		
Large Entity Small Entity Fee		126 240 126 240 Submission of Information Disclosure		
Fee Fee Fee Fee Description		Statement		
Code (\$) Code (\$) Description Fee Paid		581 40 581 40 Recording each patent assignment per		
103 18 203 9 Claims in excess of 20		property (times number of		
102 78 202 39 Independent claims in		properties		
excess of 3		146 790 246 395 Filing a submission after final rejection		
104 270 204 135 Multiple dependent claim		(37 CFR 1.129(a))		
109 82 209 41 Reissue independent		149 790 249 395 For each additional invention to be		
claims over original		examined (37 CFR 1.129(b))		
patent		Other fee (specify) _____		
110 22 210 11 Reissue claims in excess of		Other fee (specify) _____		
20 and over original patent		SUBTOTAL (3) (\$)		
SUBTOTAL (2) (\$)		0		
3. Claims Extra Fee from Fee Paid below		*Reduced by Basic Filing Fee Paid		
Total claims -20= X =		SUBMITTED BY		
Independent - 3= X =		Registration Number		
Claims		P54,180		
Multiple Dependent X =		Date		
Claims		8/7/2003		
Large Entity Small Entity Fee		Deposit Account		
Fee Fee Fee Fee Description		User ID		
Code (\$) Code (\$) Description Fee Paid		Signature		
103 18 203 9 Claims in excess of 20		Peter T. Holsen		
102 78 202 39 Independent claims in		Andrus, Scales, Starke & Sawall, LLP		
excess of 3		Date		
104 270 204 135 Multiple dependent claim		8/7/2003		
109 82 209 41 Reissue independent		Deposit Account		
claims over original		User ID		
patent		Signature		
110 22 210 11 Reissue claims in excess of		Peter T. Holsen		
20 and over original patent		Andrus, Scales, Starke & Sawall, LLP		

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